

# Cumbria Health Protection Tactical Oversight Group Weekly COVID-19 Summary

2021 Week 50 (Ending Friday 17<sup>th</sup> December)

Summary Produced Wednesday 22<sup>nd</sup> December

# Weekly Summary: Key points

## 2021 Week 50 (Ending Friday 17<sup>th</sup> December)



### Cases & Demographics

Key Points for Cumbria and districts in 2021 Week 50 (Ending Friday 17<sup>th</sup> December):

- There were 1,956 new cases in Cumbria (an increase of 464, +31% from 1,492 new cases in the previous week);
- For the 4<sup>th</sup> week in a row South Lakeland had the greatest number of new cases (+429 new cases);
- Barrow-in-Furness had the highest rate of new cases (504 new cases per 100k population), followed by Copeland (454 new cases per 100k population);
- Rates in all districts were below the national and regional average rates (England 855 and North West 660 new cases per 100k population);
- Number of new cases increased in all districts, with Allerdale having the greatest increase of +77%.
- The 30-39 and 40-49 age groups had the greatest number of new cases in Cumbria (+359 and +336 new cases respectively);
- The 19-24 age group had the highest rate of new cases in Cumbria (749 new cases per 100k population);
- New cases increased from the previous week in all age groups except 0-18 and 80+;
- New cases increased significantly by 151% in the 19-24 age group, 110% in the 25-29 age group, and 65% in the 30-39 age group;
- New cases in the under 50 age group accounted for 79% of total new cases (an increase of +2% from the previous week);
- The rate of new cases in the under 50 age group was 3.4 times higher than the rate of new cases in the 50+ age group (compared to 3 times higher in the previous week);
- Overall, new cases in the under 50 age group increased by 35% and new cases in the 50+ age group increased by 18%.

### Health & Hospitalisations

Summary for week ending Tuesday 21<sup>st</sup> December:

- The number of new patients admitted with COVID-19 Positive status in North Cumbria Integrated Care (NCIC) increased by 1 from the previous week and the average number of patients with COVID-19 in beds in NCIC decreased by 1 from the previous week;
- The number of new patients admitted with COVID-19 Positive status in University Hospitals of Morecambe Bay NHS Foundation Trust (UHMB) decreased by 10 from the previous week and the average number of patients with COVID-19 in beds in UHMB increased by 2 from the previous week.

### Mortality

- In the week to Friday 10<sup>th</sup> December 2021 there were 3 COVID-19 related death *occurrences* in Cumbria.

# R estimates & Growth Rates by NHS Region

Region	R	Growth rate % per day
England	1.0 to 1.2	0 to +2
East of England	1.0 to 1.2	0 to +2
London	1.1 to 1.3	+2 to +4
Midlands	0.9 to 1.1	-1 to +1
North East and Yorkshire	0.9 to 1.1	-2 to 0
North West	0.9 to 1.1	-1 to +1
South East	1.0 to 1.2	0 to +2
South West	0.9 to 1.1	-1 to +1

Source: gov.uk.  
Last updated 17<sup>th</sup> December 2021.  
North Cumbria falls within the North East and Yorkshire region.

The values are shown as a range, the most likely true values are somewhere towards the middle of this range.

*Particular care should be taken when interpreting these estimates as they are based on low numbers of cases, hospitalisations or deaths, and/or dominated by clustered outbreaks. They should not be treated as robust enough to inform policy decisions alone.*

# Cases



Key Points for Cumbria and districts in 2021 Week 50 (Ending Friday 17<sup>th</sup> December):

- There were 1,956 new cases in Cumbria (an increase of 464, +31% from 1,492 new cases in the previous week);
- For the 4<sup>th</sup> week in a row South Lakeland had the greatest number of new cases (+429 new cases);
- Barrow-in-Furness had the highest rate of new cases (504 new cases per 100k population), followed by Copeland (454 new cases per 100k population);
- Rates in all districts were below the national and regional average rates (England 855 and North West 660 new cases per 100k population);
- Number of new cases increased in all districts, with Allerdale having the greatest increase of +77%.

## Weekly Summary: COVID-19 : New Cases: Number and Rate Per 100,000 Population

ID	Area	Previous Week No. New Cases	Previous Week Rate of New Cases	Current Week No. New Cases	Current Week Rate of New Cases	Weekly No. Change in New Cases	Weekly % Change in New Cases
1	England	299196	529	483754	855	184558	62
2	North West	32203	437	48623	660	16420	51
3	Cumbria	1492	299	1956	391	464	31
4	Allerdale	192	196	339	347	147	77
5	Barrow-in-Furness	237	355	336	504	99	42
6	Carlisle	291	268	330	304	39	13
7	Copeland	283	416	309	454	26	9
8	Eden	173	322	213	396	40	23
9	South Lakeland	316	301	429	409	113	36

Source: <https://coronavirus.data.gov.uk/>

Previous Week is:

Current Week is:

Last Updated:

2021 Week 49 (Ending Friday 10th December 2021)

2021 Week 50 (Ending Friday 17th December 2021)

Tuesday 21st December 2021

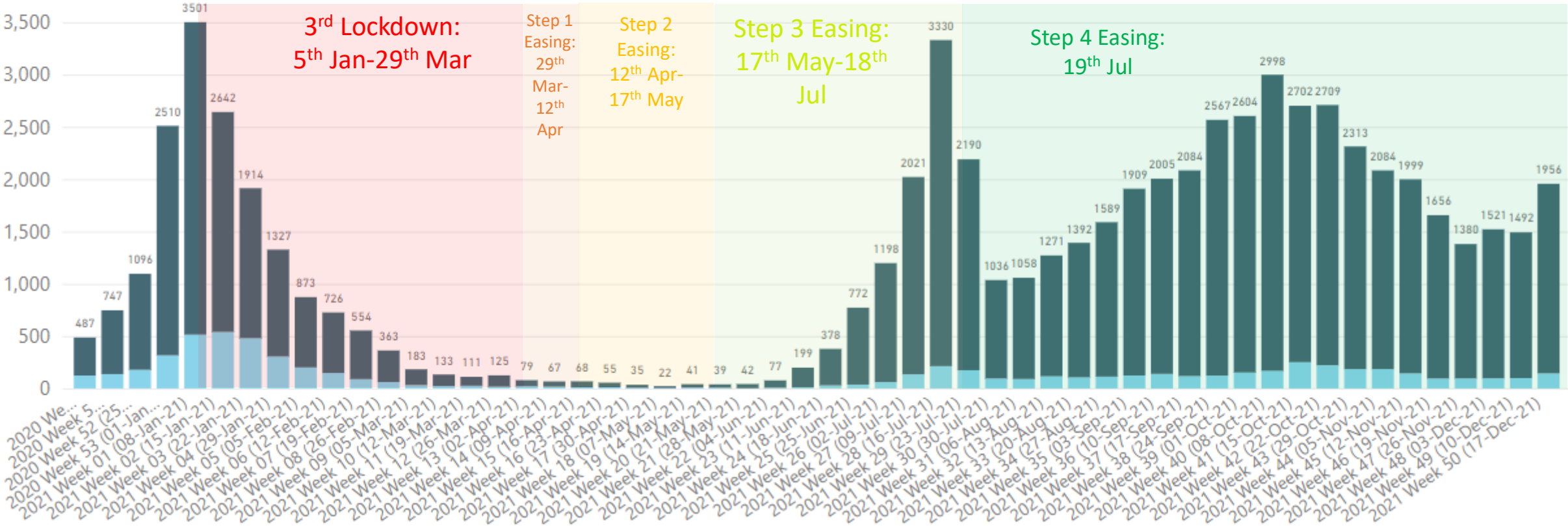
Note: This represents the number of people with a positive test result

# Cumbria Cases



Cumbria Weekly Cases by Pillar

● PILLAR 1 ● PILLAR 2



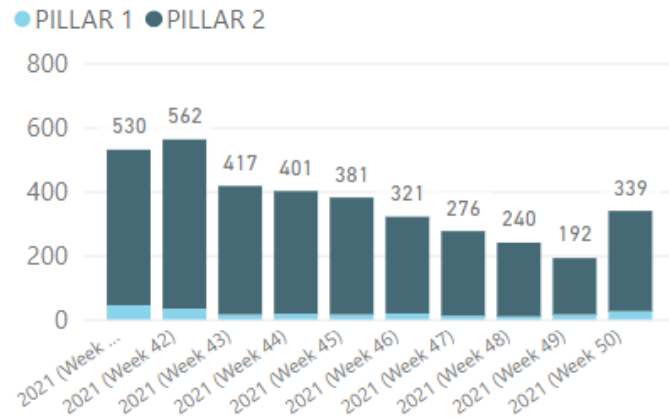
Source: PHE (data represents the number of people with a positive test result)

# District Cases

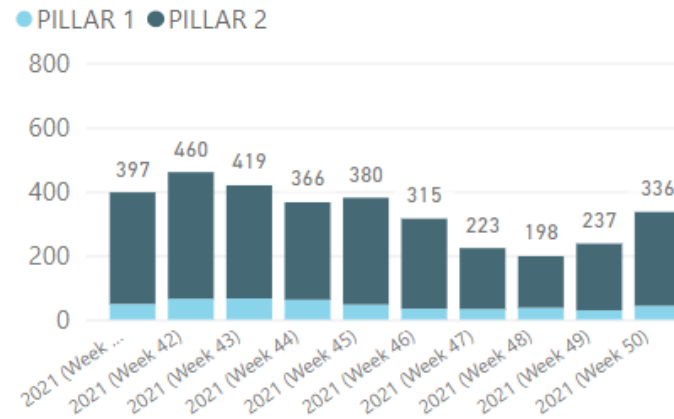
Key Points for Cumbria and districts in 2021 Week 50 (Ending Friday 17<sup>th</sup> December):

- For the 4<sup>th</sup> week in a row South Lakeland had the greatest number of new cases (+429 new cases);
- Number of new cases increased in all districts, with Allerdale having the greatest increase of +77%.

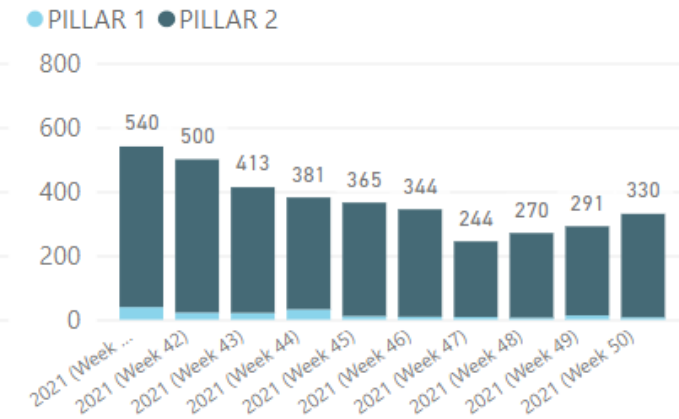
## Allerdale



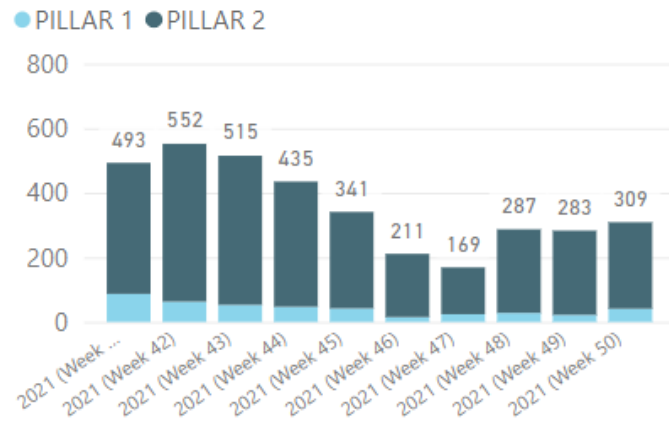
## Barrow-in-Furness



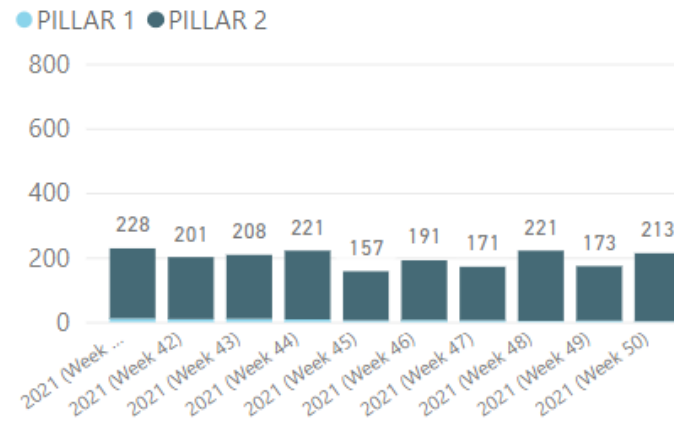
## Carlisle



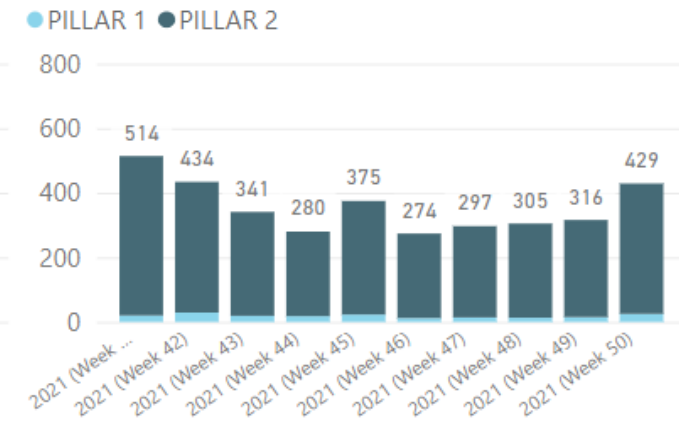
## Copeland



## Eden



## South Lakeland



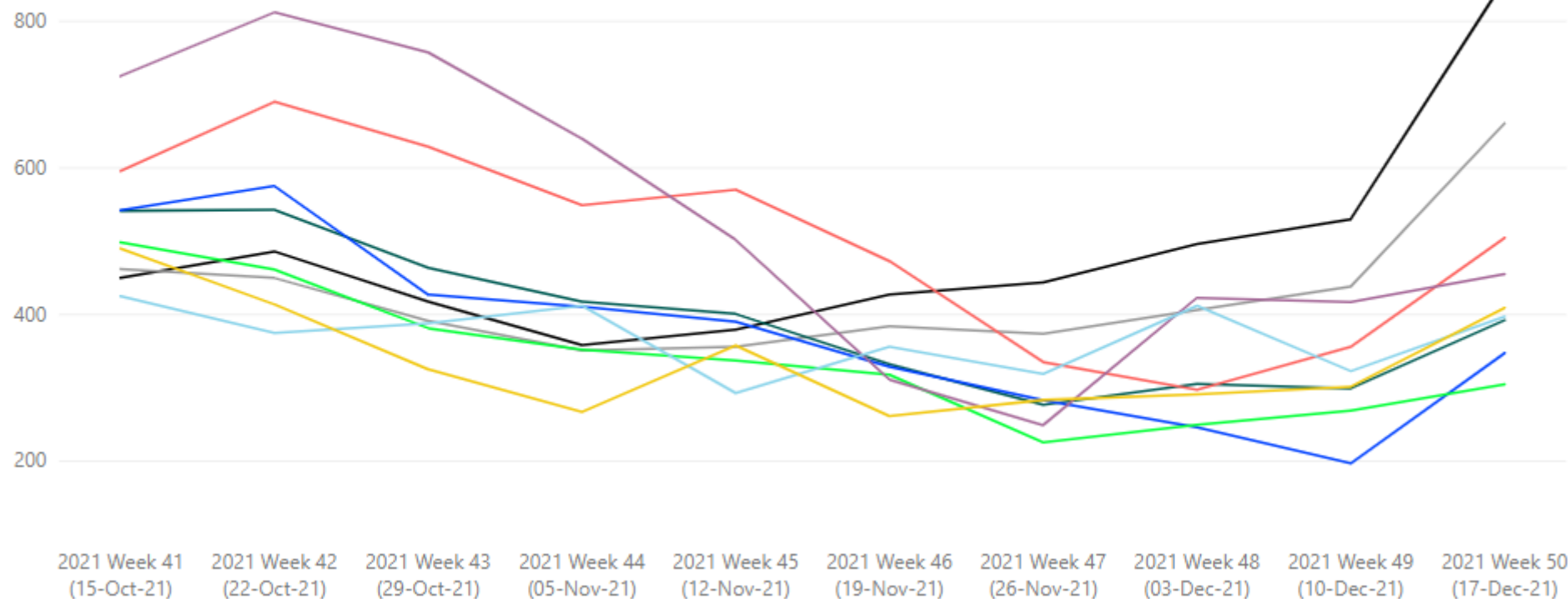
# Rate of Cases

Key Points for Cumbria and districts in 2021 Week 50 (Ending Friday 17<sup>th</sup> December):

- Barrow-in-Furness had the highest rate of new cases (504 new cases per 100k population), followed by Copeland (454 new cases per 100k population);
- Rates in all districts were below the national and regional average rates (England 855 and North West 660 new cases per 100k population);

## Rate of Weekly Cases Per 100,000 Population

● England Rate ● North West Rate ● Cumbria Rate ● Allerdale Rate ● Barrow-in-Furness Rate ● Carlisle Rate ● Copeland Rate ● Eden Rate ● South Lakeland Rate



2021 Week 50 (17-Dec-21)	
●	England Rate 855
●	North West Rate 660
●	Cumbria Rate 391
●	Allerdale Rate 347
●	Barrow-in-Furness Rate 504
●	Carlisle Rate 304
●	Copeland Rate 454
●	Eden Rate 396
●	South Lakeland Rate 408

Source: <https://coronavirus.data.gov.uk>

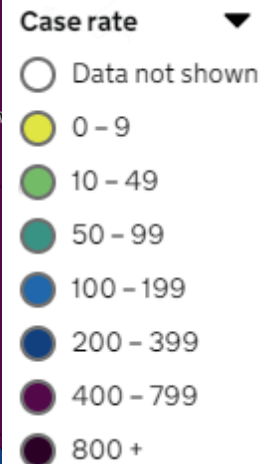
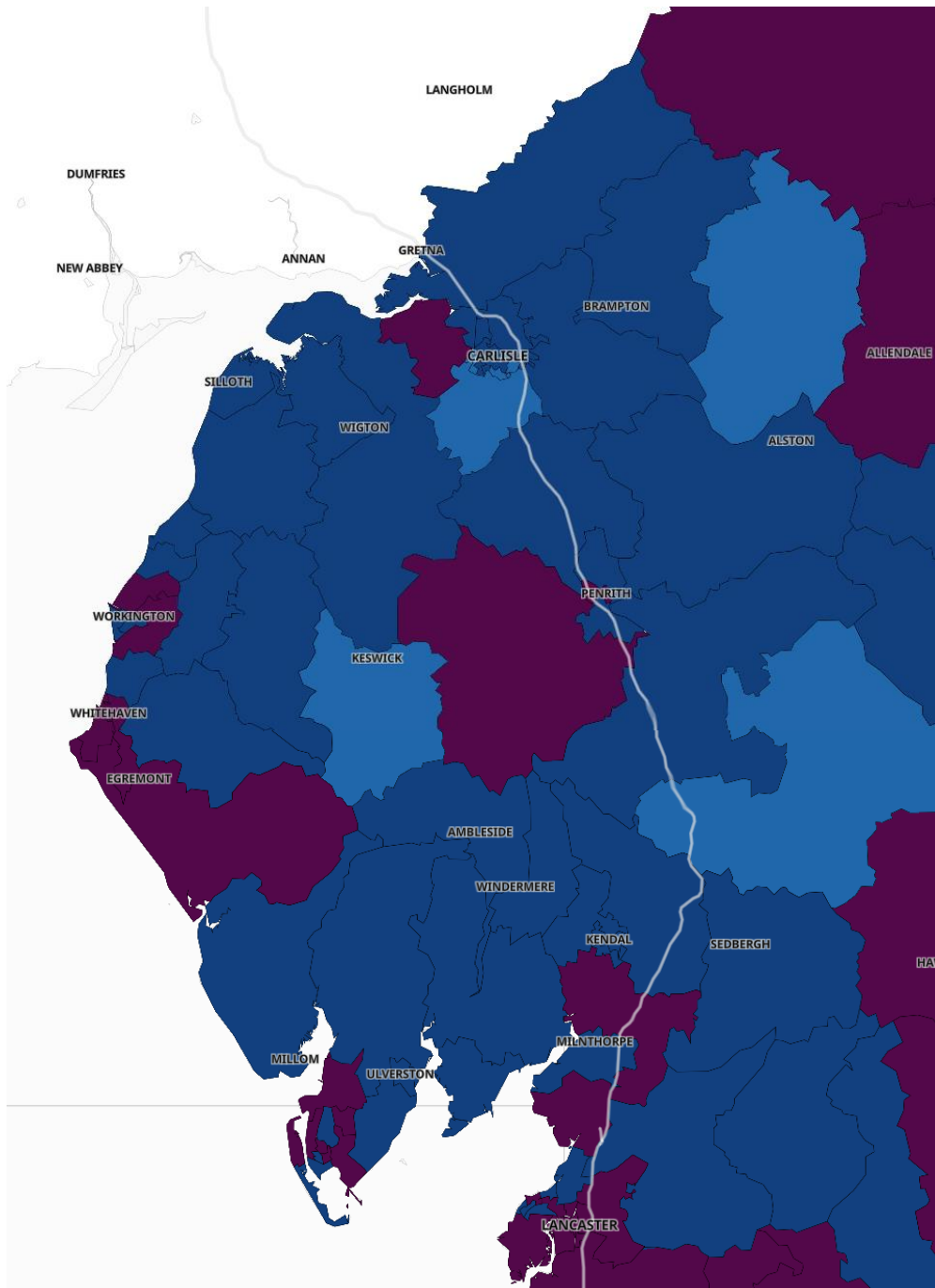
Data represents the number of people with a positive test result per 100k population.

# Cases by Middle Super Output Area (MSOA)

Case rate per 100,000 people for 7-day period ending on 09 December 2021:

<https://coronavirus.data.gov.uk/details/interactive-map>

Last updated on Tuesday 21<sup>st</sup> December 2021 at 14:00





# District cases – latest data

## [Preliminary up to Monday 20<sup>th</sup> December 2021]

Area name	11 December 2021	12 December 2021	13 December 2021	14 December 2021	15 December 2021	16 December 2021	17 December 2021	18 December 2021	19 December 2021	20 December 2021
Allerdale	23	30	56	52	69	54	55	55	70	20
Barrow-in-Furness	26	31	45	70	61	54	49	50	36	18
Carlisle	33	25	61	51	54	62	44	43	38	14
Copeland	29	37	56	67	48	36	36	18	48	18
Eden	21	25	28	29	47	25	38	40	32	5
South Lakeland	34	21	67	62	88	83	74	80	58	25
<b>Total</b>	<b>166</b>	<b>169</b>	<b>313</b>	<b>331</b>	<b>367</b>	<b>314</b>	<b>296</b>	<b>286</b>	<b>282</b>	<b>100</b>

Source: <https://coronavirus.data.gov.uk/>

Last Updated:  
Tuesday 21st December 2021

*[Data is subject to revisions; most recent days are provisional and likely to increase as lab results are processed]*

# Cases by Age Group

Weekly Summary: COVID-19 : New Cases by Age: Number and Rate Per 100,000 Population

Age Group	Previous Week No.	Previous Week Rate	Current Week No.	Current Week Rate	Numerical Weekly Change	Proportional Weekly Change
0-4	44	191	40	174	-4	-9
05-11 (Primary)	275	741	265	714	-10	-4
12-18 (Secondary)	179	481	156	420	-23	-13
19 - 24	83	299	208	749	125	151
25-29	83	311	174	653	91	110
30-39	217	413	359	684	142	65
40-49	259	450	336	584	77	30
50-59	236	302	278	355	42	18
60-69	77	112	100	145	23	30
70-79	27	47	28	48	1	4
80+	12	36	11	33	-1	-8

Age Group	Previous Week No.	Previous Week Rate	Current Week No.	Current Week Rate	Numerical Weekly Change	Proportional Weekly Change
Under 50	1140	435	1538	587	398	35
50+	352	148	417	175	65	18

## Key Points for Cumbria in 2021 Week 50 (Ending Friday 17<sup>th</sup> December):

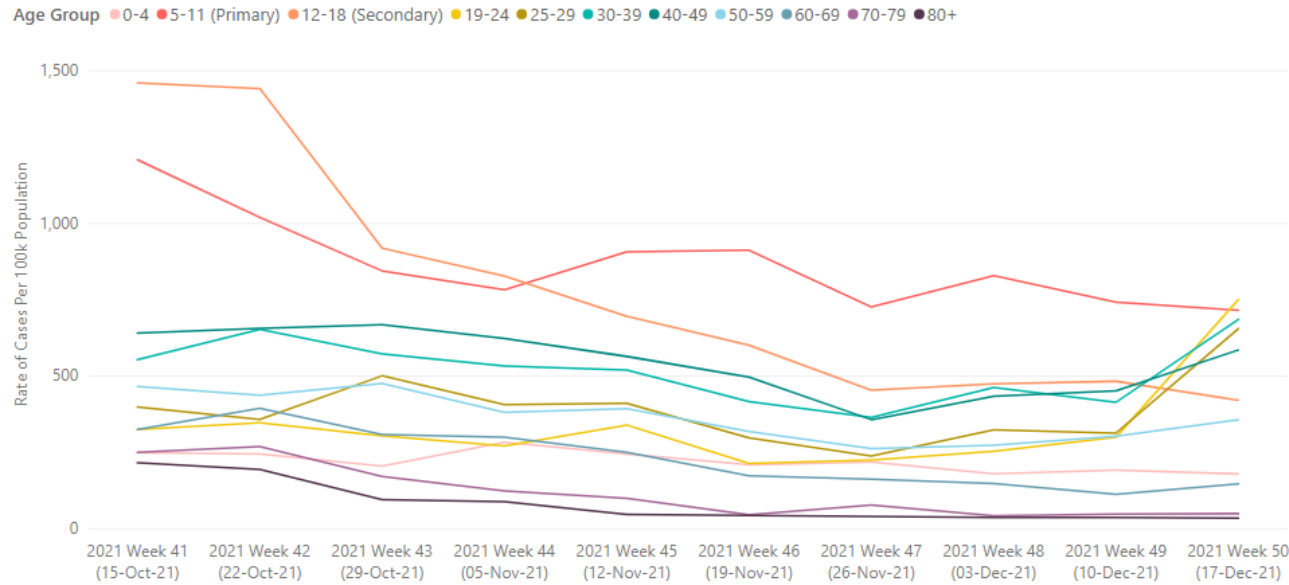
- The 30-39 and 40-49 age groups had the greatest number of new cases in Cumbria (+359 and +336 new cases respectively);
- The 19-24 age group had the highest rate of new cases in Cumbria (749 new cases per 100k population);
- New cases increased from the previous week in all age groups except 0-18 and 80+;
- New cases increased significantly by 151% in the 19-24 age group, 110% in the 25-29 age group, and 65% in the 30-39 age group;
- New cases in the under 50 age group accounted for 79% of total new cases (an increase of +2% from the previous week);
- The rate of new cases in the under 50 age group was 3.4 times higher than the rate of new cases in the 50+ age group (compared to 3 times higher in the previous week);
- Overall, new cases in the under 50 age group increased by 35% and new cases in the 50+ age group increased by 18%.

Source: PHE. Rate Per 100k Population based on ONS Mid-2020 population Estimates.

Previous Week is: 2021 Week 49 (Ending Friday 10th December 2021)      Current Week is: 2021 Week 50 (Ending Friday 17th December 2021)      Last Updated: Tuesday 21st December 2021

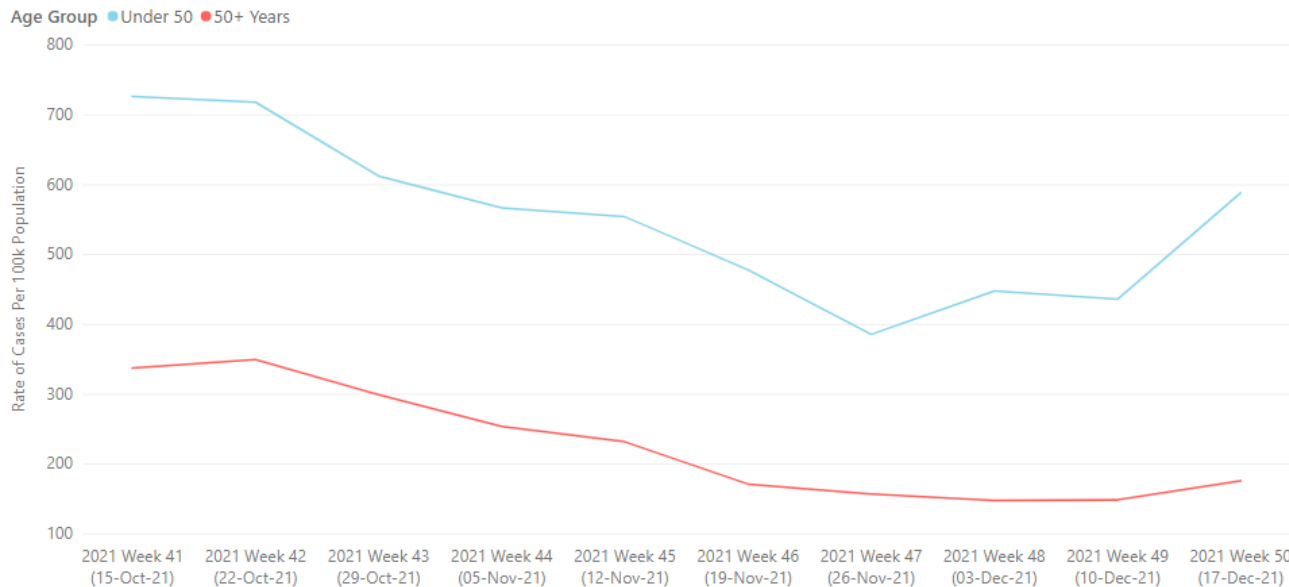
# Cases by Age Group – Rate per 100,000

Cumbria Rate of Weekly Cases by Age Per 100,000 Population



Age Group	Current Week Rate
0-4	174
05-11 (Primary)	714
12-18 (Secondary)	420
19 - 24	749
25-29	653
30-39	684
40-49	584
50-59	355
60-69	145
70-79	48
80+	33

Cumbria Rate of Weekly Cases by Age Per 100,000 Population



Age Group	Current Week Rate
Under 50	587
50+	175

Previous Week is: 2021 Week 49 (Ending Friday 10th December 2021)      Current Week is: 2021 Week 50 (Ending Friday 17th December 2021)

Source: PHE. Rate Per 100k Population based on ONS Mid-2020 population Estimates.

# Hospitalisations



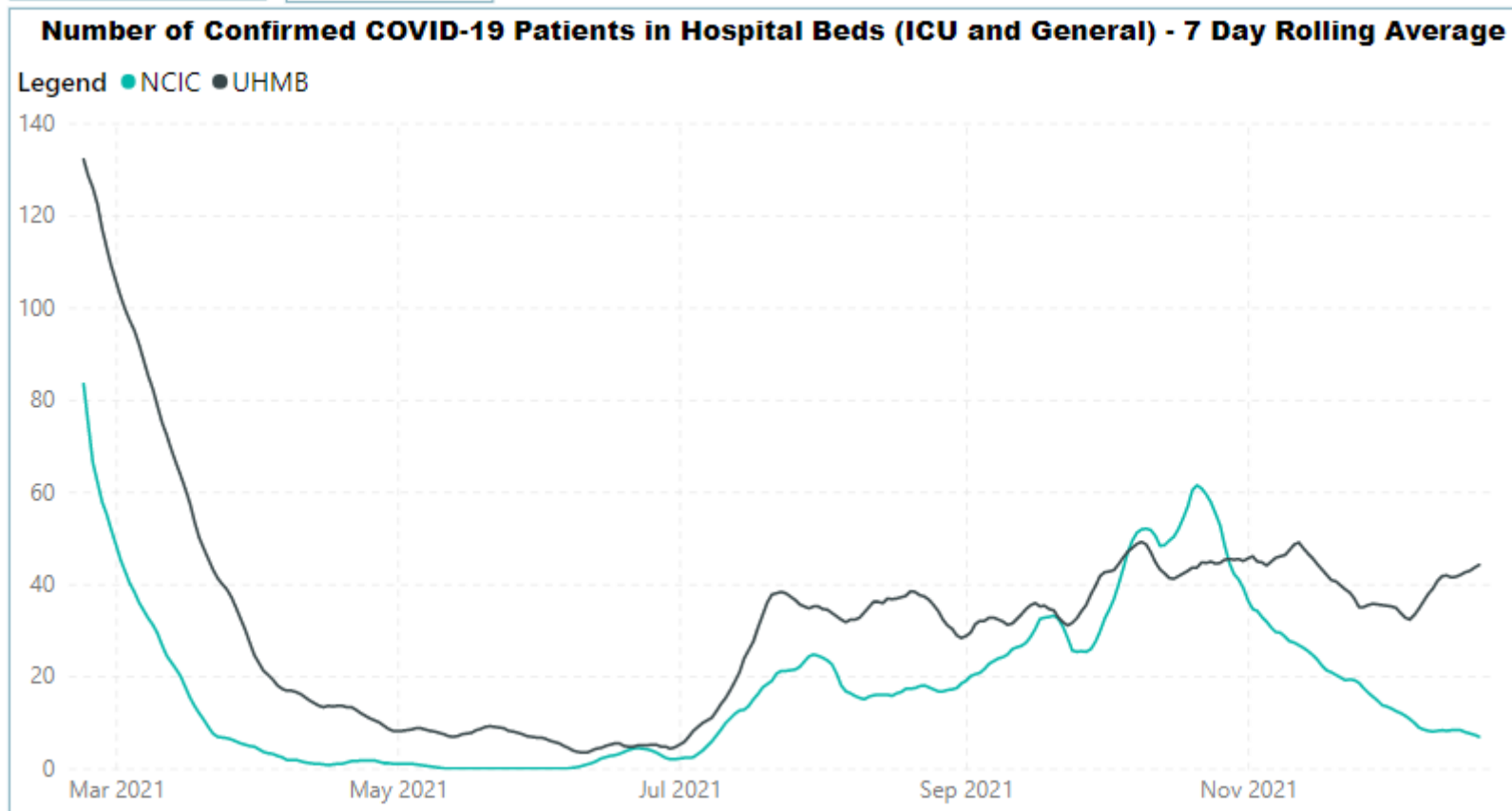
Summary for week ending Tuesday 21<sup>st</sup> December:

- The number of new patients admitted with COVID-19 Positive status in North Cumbria Integrated Care (NCIC) increased by 1 from the previous week and the average number of patients with COVID-19 in beds in NCIC decreased by 1 from the previous week;
- The number of new patients admitted with COVID-19 Positive status in University Hospitals of Morecambe Bay NHS Foundation Trust (UHMB) decreased by 10 from the previous week and the average number of patients with COVID-19 in beds in UHMB increased by 2 from the previous week.

Source: NHS Daily Sit Rep Submissions. Please be aware that the data is collected as a 'sitrep' on the day and is not refined retrospective reporting data. It is susceptible to error caused by delays in data entry and as simple admin errors. There is no mechanism for updating or correcting any such occurrences with NHSE/i - the prime recipient.

Data To:  
21/12/2021

Last Updated:  
21/12/2021



# Weekly Number of Deaths with COVID-19 as Cause of Death

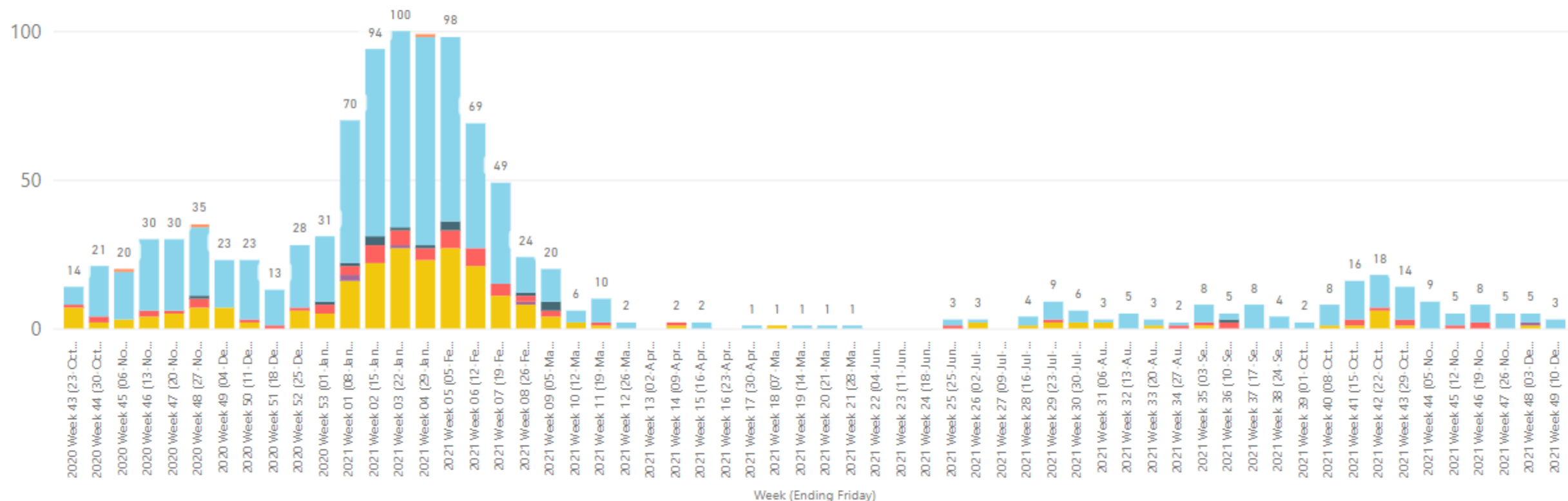
By **Date of Occurrence** & Place of Occurrence

Source: Office for National Statistics



## Cumbria

● Care home ● Elsewhere ● Home ● Hospice ● Hospital ● Other communal establishment



Deaths Registered up to:

Saturday 18th December 2021

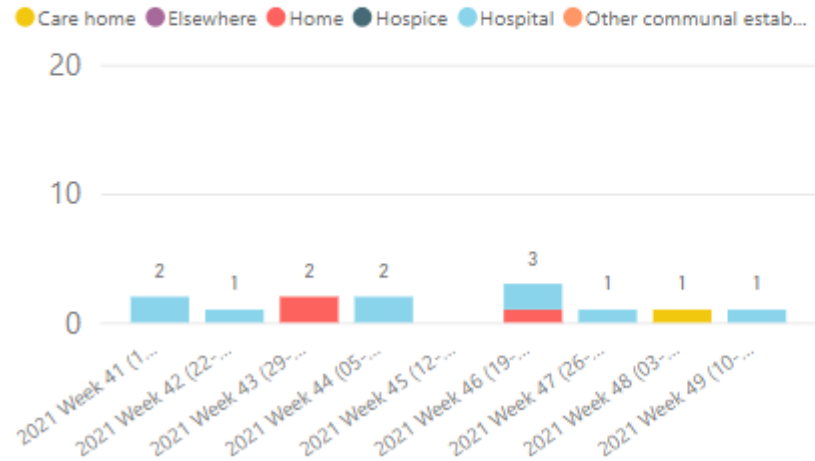
Last Updated:

Tuesday 21st December 2021

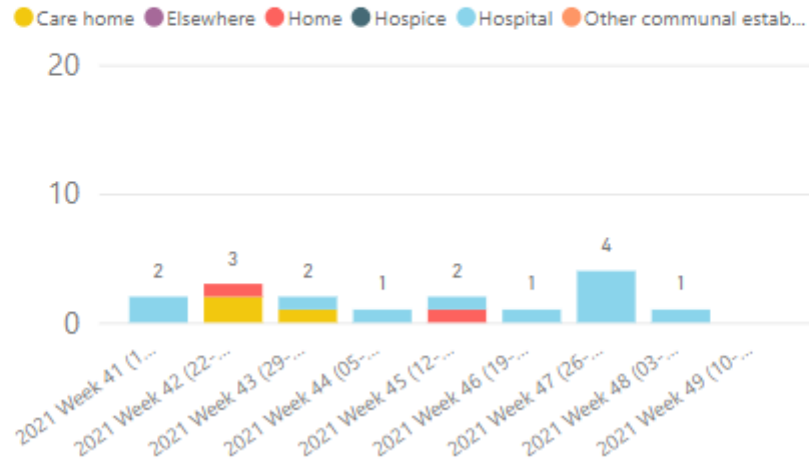
Weekly Number of Deaths with COVID-19 as Cause of Death by **Date of Occurrence** & Place of Occurrence

Source: Office for National Statistics

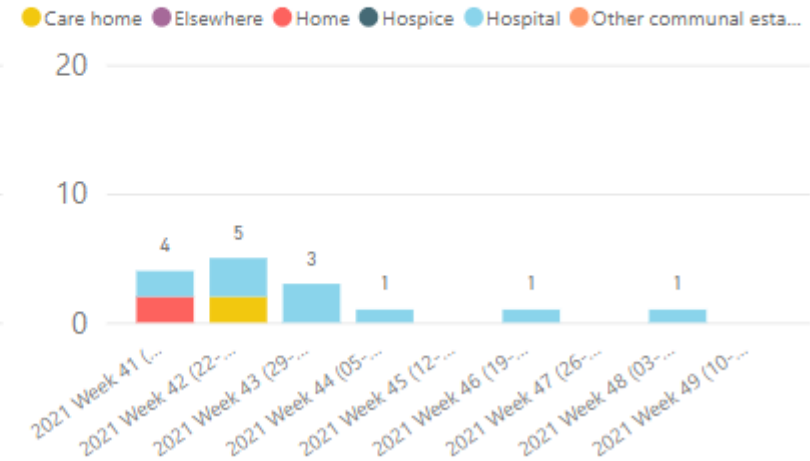
### Allerdale



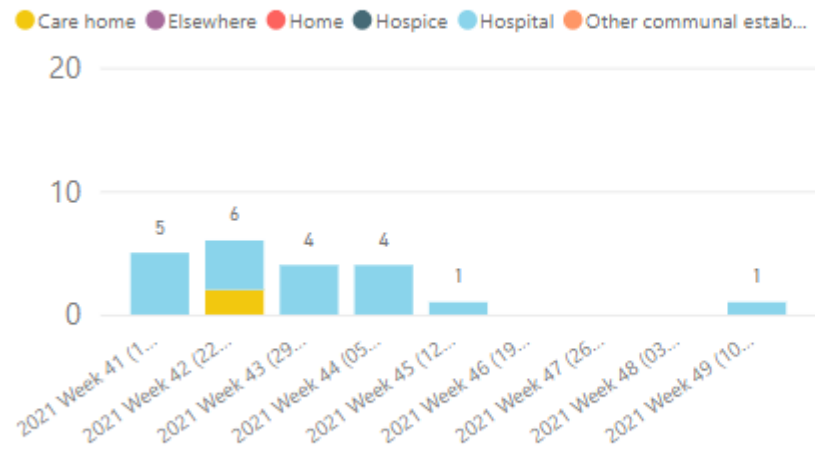
### Barrow-in-Furness



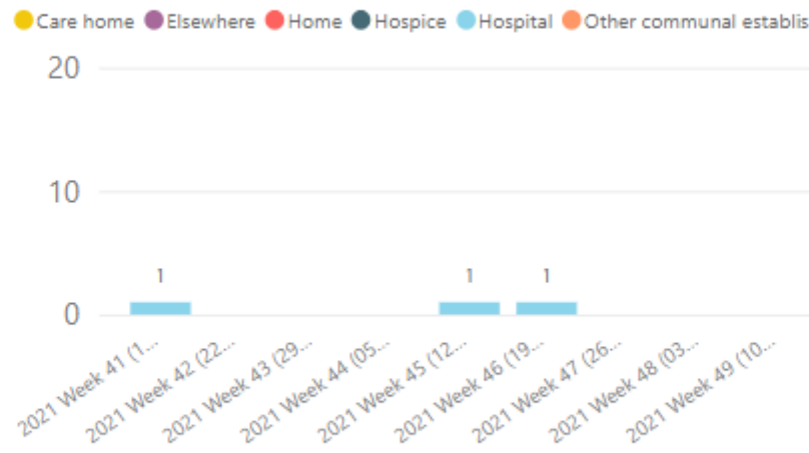
### Carlisle



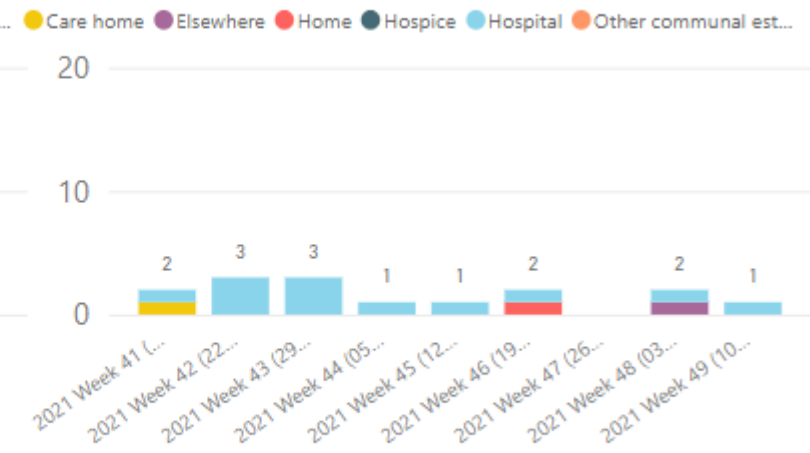
### Copeland



### Eden



### South Lakeland



Deaths Registered up to:

Saturday 18th December 2021

Last Updated:

Tuesday 21st December 2021

# Vaccinations – Proportion of Population by Dose



DOSE 1	No. Dose 1 12+	% Dose 1 12+	% Dose 1 12-15	% Dose 1 16-17	% Dose 1 18-24	% Dose 1 25-29	% Dose 1 30-34	% Dose 1 35-39	% Dose 1 40-44	% Dose 1 45-49	% Dose 1 50-54	% Dose 1 55-59	% Dose 1 60-64	% Dose 1 65-69	% Dose 1 70-74	% Dose 1 75-79	% Dose 1 80+
England	42.3M	87	48	67	77	78	85	88	93	90	95	97	99	97	96	102	94
Cumbria	401.2K	91	56	75	85	86	96	92	94	88	93	98	99	96	97	99	94
Allerdale	79.1K	92	59	79	87	86	94	92	94	88	94	100	100	96	99	98	93
Barrow-in-Furness	52.0K	90	47	71	80	83	90	91	93	88	94	99	101	96	97	98	97
Carlisle	85.1K	90	55	72	80	83	97	92	94	87	93	97	100	97	97	99	94
Copeland	54.2K	91	50	74	86	85	91	96	90	88	92	98	98	98	99	98	95
Eden	44.4K	93	59	78	94	87	94	93	95	89	93	98	101	92	99	101	92
South Lakeland	86.5K	92	61	76	86	96	107	92	95	86	94	96	97	94	92	101	93
DOSE 2	No. Dose 2 18+	% Dose 2 18+	% Dose 2 18-24	% Dose 2 25-29	% Dose 2 30-34	% Dose 2 35-39	% Dose 2 40-44	% Dose 2 45-49	% Dose 2 50-54	% Dose 2 55-59	% Dose 2 60-64	% Dose 2 65-69	% Dose 2 70-74	% Dose 2 75-79	% Dose 2 80+		
England	38.4M	86	67	71	78	82	88	87	92	95	98	96	95	102	93		
Cumbria	370.2K	91	77	79	89	88	90	85	92	96	98	95	96	99	93		
Allerdale	73.1K	92	80	79	88	87	91	86	92	99	99	95	99	97	93		
Barrow-in-Furness	47.8K	89	72	76	82	86	89	85	92	97	99	95	97	98	96		
Carlisle	78.0K	90	71	75	89	87	90	85	91	95	99	97	96	99	94		
Copeland	50.1K	91	79	78	85	91	87	85	90	97	96	98	98	98	95		
Eden	41.3K	93	87	81	89	90	91	87	92	97	100	91	98	100	92		
South Lakeland	80.0K	92	78	88	101	88	92	85	92	95	96	93	91	100	92		
DOSE 3 or BOOSTER 1	No. Dose 3 or Booster 1 16+	% Dose 3 or Booster 1 16+	% Dose 3 or Booster 1 Under 40	% Dose 3 or Booster 1 40-44	% Dose 3 or Booster 1 45-49	% Dose 3 or Booster 1 50-54	% Dose 3 or Booster 1 55-59	% Dose 3 or Booster 1 60-64	% Dose 3 or Booster 1 65-69	% Dose 3 or Booster 1 70-74	% Dose 3 or Booster 1 75-79	% Dose 3 or Booster 1 80+	Data Period:	Published:			
England	19.7M	43	9	27	33	54	63	75	83	87	95	85	8th December 2020 to 12th December 2021	16th December 2021			
Cumbria	220.0K	53	12	31	36	57	66	78	86	91	94	87					
Allerdale	42.5K	52	12	33	38	56	64	75	83	92	91	84					
Barrow-in-Furness	27.6K	50	11	29	33	58	69	79	87	92	93	91					
Carlisle	45.7K	51	13	30	38	56	68	79	88	91	94	88					
Copeland	27.4K	48	10	26	31	50	61	71	84	91	92	88					
Eden	24.3K	53	11	27	30	50	60	76	84	94	97	85					
South Lakeland	52.5K	59	12	36	40	66	71	83	87	88	97	89					

Source: National Immunisation Management Service (NIMS) & ONS Mid-2020 Estimates. Note: Vaccinations as a % of the resident population, % may exceed 100% due to the use of ONS population estimates to allow consistent comparison.

# Vaccination – Proportion by Dose

## Cumbria comparison to Local Authorities with similar statistical profiles



DOSE 1	No. Dose 1 12+	% Dose 1 12+	% Dose 1 12-15	% Dose 1 16-17	% Dose 1 18-24	% Dose 1 25-29	% Dose 1 30-34	% Dose 1 35-39	% Dose 1 40-44	% Dose 1 45-49	% Dose 1 50-54	% Dose 1 55-59	% Dose 1 60-64	% Dose 1 65-69	% Dose 1 70-74	% Dose 1 75-79	% Dose 1 80+
England	42.3M	87	48	67	77	78	85	88	93	90	95	97	99	97	96	102	94
Cumbria	401.2K	91	56	75	85	86	96	92	94	88	93	98	99	96	97	99	94
Lancashire	928.6K	88	50	69	75	72	84	90	93	88	95	98	100	98	96	102	95
North Yorkshire	506.9K	93	50	79	100	93	93	93	96	88	94	97	100	97	97	103	95

DOSE 2	No. Dose 2 18+	% Dose 2 18+	% Dose 2 18-24	% Dose 2 25-29	% Dose 2 30-34	% Dose 2 35-39	% Dose 2 40-44	% Dose 2 45-49	% Dose 2 50-54	% Dose 2 55-59	% Dose 2 60-64	% Dose 2 65-69	% Dose 2 70-74	% Dose 2 75-79	% Dose 2 80+
England	38.4M	86	67	71	78	82	88	87	92	95	98	96	95	102	93
Cumbria	370.2K	91	77	79	89	88	90	85	92	96	98	95	96	99	93
Lancashire	842.2K	86	65	64	76	83	88	85	92	96	99	97	96	101	95
North Yorkshire	468.4K	93	89	85	87	89	94	86	93	96	99	96	97	103	94

DOSE 3 or BOOSTER 1	No. Dose 3 or Booster 1 16+	% Dose 3 or Booster 1 16+	% Dose 3 or Booster 1 Under 40	% Dose 3 or Booster 1 40-44	% Dose 3 or Booster 1 45-49	% Dose 3 or Booster 1 50-54	% Dose 3 or Booster 1 55-59	% Dose 3 or Booster 1 60-64	% Dose 3 or Booster 1 65-69	% Dose 3 or Booster 1 70-74	% Dose 3 or Booster 1 75-79	% Dose 3 or Booster 1 80+
England	19.7M	43	9	27	33	54	63	75	83	87	95	85
Cumbria	220.0K	53	12	31	36	57	66	78	86	91	94	87
Lancashire	464.3K	46	9	29	34	55	64	78	85	88	95	87
North Yorkshire	286.7K	55	13	35	40	61	69	81	87	92	98	88

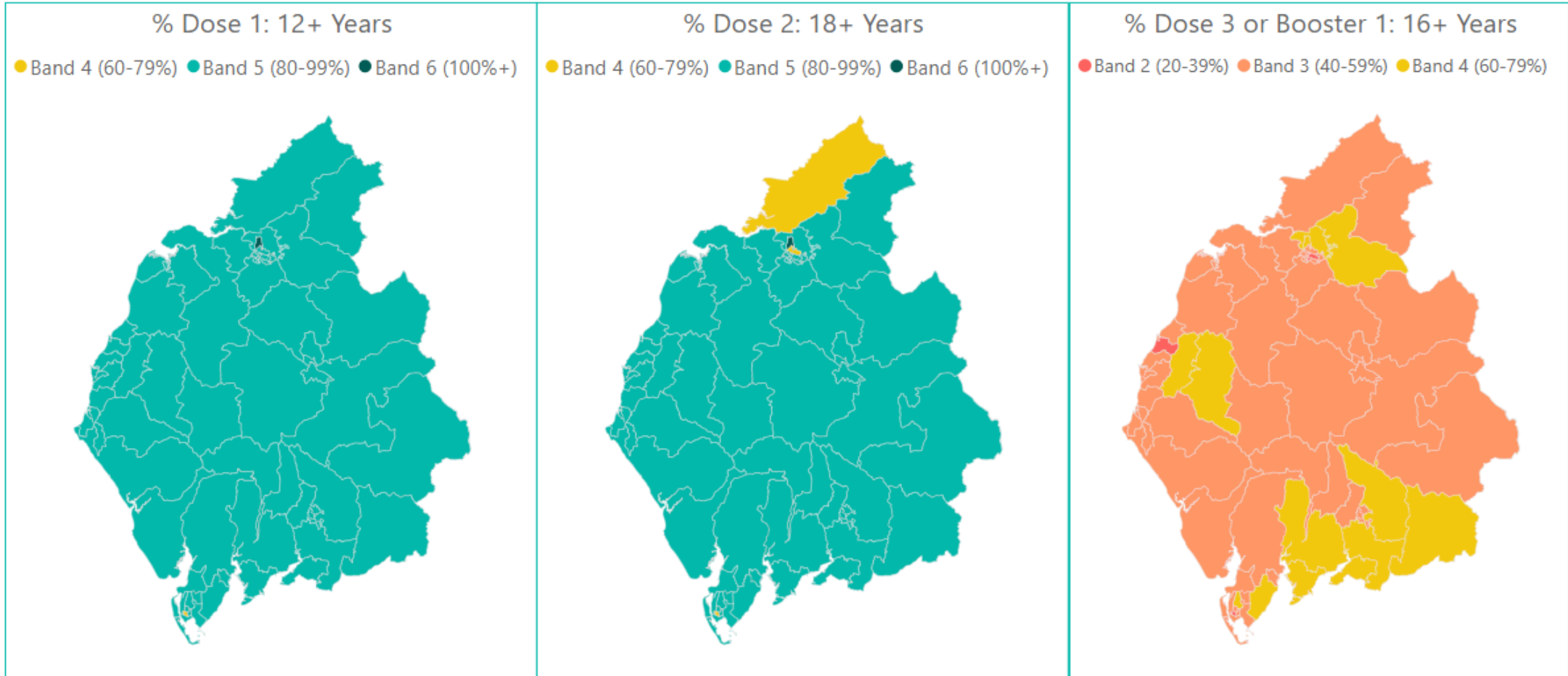
Data Period:	Published:
8th December 2020 to 12th December 2021	16th December 2021

Source: National Immunisation Management Service (NIMS) & ONS Mid-2020 Estimates. Note: Vaccinations as a % of the resident population, % may exceed 100% due to the use of ONS population estimates to allow consistent comparison.



# Vaccinations – Proportion by Dose Cumbria MSOA level mapped

COVID-19 Vaccinations By Middle Layer Super Output Area (MSOA) of Residence  
Source: National Immunisation Management Service (NIMS) & ONS Mid-2020 Population Estimates



Notes: Vaccinations as a % of the resident population within that age group.  
The proportion of population receiving vaccination may exceed 100% due to the use of Office National Statistics population estimate to allow consistent comparison.

Data Period:

8th December 2020 to 12th December 2021

Published:

16th December 2021